

Please add the following new claims:

*Sub C*

20. (New) The method of claim 5, 6 or 17 wherein the nucleic acid segment comprises SEQ ID NO:1.

21. (New) The method of claim 5, 6 or 17 wherein the nucleic acid segment encodes SEQ ID NO:2.

22. (New) The method of claim 5 or 6 wherein the host cell is a mammalian host cell.

23. (New) The mouse of claim 16 wherein the nucleic acid segment comprises SEQ ID NO:1.

24. (New) The mouse of claim 16 wherein the nucleic acid segment encodes SEQ ID NO:2.

25. (New) The mouse of claim 18 wherein the DNA repair polypeptide has SEQ ID NO:2.

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*ADD B1* →

Remarks

Claims 1-4, 7-15 and 19 are canceled, and claims 5-6 and 16-17 are amended, and claims 20-25 are added. The amendments are made to clarify the claims, and not for reasons relating to patentability. Therefore, the amendments are not intended to limit the scope of equivalents to which any claim element may be entitled. Claims 5-6, 16-18 and 20-25 are pending.

Amended claims 5-6 and 16-17 are supported by originally-filed claim 1 and claims 5-6 and 16-17, respectively.

New claims 20-25 are supported by originally-filed claims 2-3.

**PRELIMINARY AMENDMENT**

Serial Number: Unknown

Filing Date: Herewith

Title: METHODS TO ALTER LEVELS OF A DNA REPAIR PROTEIN

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D.t.: 800.019US3

The Examiner is respectfully requested to consider the amendments herein prior to taking up the application for the first Office Action.

Respectfully submitted,

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April 18, 2001

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Date of Deposit: April 18, 2001

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